

**NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 02-13-04 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152;  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

**1. DRAWINGS, 37 CFR 1.84(a):** Acceptable

Categories of drawings: Black ink or

Color (3 sets required)

Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_

Pencil and non-black ink not permitted. Fig(s) \_\_\_\_\_

**2. PHOTOGRAPHS, 37 CFR 1.84(b):**

One (1) full-tone set is required. Fig(s) \_\_\_\_\_

Photographs may not be mounted. 37 CFR 1.84(e)

Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_

Poor quality (half-tone). Fig(s) \_\_\_\_\_

**3. TYPE OF PAPER, 37 CFR 1.84(c):**

Paper not flexible, strong, white, and durable.

Fig(s) \_\_\_\_\_

Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted.

Fig(s) \_\_\_\_\_

**4. SIZE OF PAPER, 37 CFR 1.84(f):** Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s) \_\_\_\_\_

Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

**5. MARGINS, 37 CFR 1.84(p):** Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

Margins not acceptable. Fig(s) 1, 16, 21,

Top (T) X Left (L) 24, 30

Right (R) \_\_\_\_\_ Bottom (B) \_\_\_\_\_

**6. VIEWS, 37 CFR 1.84(h):**

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

Views not labeled separately or properly.

Fig(s) \_\_\_\_\_

**7. SECTIONAL VIEWS, 37 CFR 1.84(h)(3):**

Sectional designation should be noted with Arabic or Roman numbers. Fig(s) \_\_\_\_\_

**8. ARRANGEMENT OF VIEWS, 37 CFR 1.84(i):**

Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

**9. SCALE, 37 CFR 1.84(k):**

Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.

Fig(s) \_\_\_\_\_

**10. CHARACTER OF LINES, NUMBERS, & LETTERS, 37 CFR 1.84(l):**

X Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1-36B

**11. SHADING, 37 CFR 1.84(m):**

Solid black areas pale. Fig(s) \_\_\_\_\_

Solid black shading not permitted. Fig(s) \_\_\_\_\_

**12. NUMBERS, LETTERS, & REFERENCE CHARACTERS, 37 CFR 1.84(p):**

X Numbers and reference characters not plain and legible. Fig(s) 1-36B

X Figure legends are poor. Fig(s) 1-36B

Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1). Fig(s) \_\_\_\_\_

English alphabet not used. 37 CFR 1.84(p)(2). Fig(s) \_\_\_\_\_

X Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 1-36B

**13. LEAD LINES, 37 CFR 1.84(q):**

Lead lines missing. Fig(s) \_\_\_\_\_

**14. NUMBERING OF SHEETS OF DRAWINGS, 37 CFR 1.84(i):**

Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

**15. NUMBERING OF VIEWS, 37 CFR 1.84(u):**

Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

**16. DESIGN DRAWINGS, 37 CFR 1.152:**

Surface shading shown not appropriate.

Fig(s) \_\_\_\_\_

Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

**COMMENTS:**

Reviewer: Taney

If you have questions, call (703) 305-8104 1038

Date: 12/13/04

Attachment to Paper No. \_\_\_\_\_

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